MULTIMEDIA STANDARD

The Movie what you really wanted to watch
The Music which is your favorite
The Photos which has your happy memories
TV Drama which you would never miss
Relax yourself wherever and whenever so far
Ultimate Digital Multimedia Player “Movie Clip”

User Manual Guide

Model QR-130

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1. Introduction

Thank you very much for purchasing this brand-new Multimedia Player QR130 with stronger function support. In the digital era, this product is quite suitable to be a home entertainment partner. With her outstanding designed features, you can enjoy movies and music, view photos of precious moments, and record your favorite TV or movie programs to make up for your regret of not being able to enjoy them in time. The editing function provides you with an easy way to save the essential part. It's also a good choice to use this product as a portable storage device for its built-in HDD and high-speed USB 2.0.

This player has the following functionality:

Video Recording	-	supports one button recording and schedule recording in MPG format, can easily record programs from TV, DVD player and DV, and save as MPEG-2 (.mpg) format; also can edit the recorded titles;
	-	Time shifting function;
Movie Playback	-	supports VOB (DVD), IFO (DVD), MPG (MPEG-2/1), AVI (MPEG-4 ASP: XviD), DAT (VCD), and MPEG-2 TS files; resolution up to 1080i;
Music Playback	-	supports MP3, OGG, and WMA* files;
	-	supports one button playlist music playback;
Photo Playback	-	supports digital camera JPEG, and BMP files;
Data Storage	-	works as a portable hard disk using USB 2.0 port;
Network Function	-	Ethernet & WLAN streaming playback (Wireless function supported by the optional Wireless LAN USB Adapter);
HDMI	-	High-Definition Multimedia Interface transmits the highest quality digital video and audio via a single cable, simplifies cabling and provides high quality home theater experience.
Video Recording	-	supports one button recording and schedule recording in MPG format, can easily record programs from TV, DVD player and DV, and save as MPEG-2 (.mpg) format; also can edit the recorded titles;
	-	Time shifting function;

We hope that this product will bring you a lot of enjoyment. We are committed to apply multimedia technology to work, entertainment, family, daily life, car and everywhere in the world. Welcome to be with us. Thank you again for choosing our Home Multimedia Center.

NOTE WMA Pro & Advanced Profile and WMA with DRM are not supported.

2. Product Specification

GENERAL

Dimensions	190.5(W) x 54(H) x 183.2(L)mm
Power Supply	AC 100~240V 50~60Hz
Power Consumption	Approx. 35 W
Operating Temperature	+5°C to +35°C (+36°F to +95°F)
Operating Humidity	5% to 80% RH
Hard Disk SATA HDD	SATA HDD
Net Weight	Approx 1.5 kg

CONTENT FORMATS SUPPORTED

Formats	DAT/VOB/IFO/MPG/AVI/MPEG-2 TS
	MP3/OGG/WMA
	Compression rate: between 32 kbps and 320 kbps
	JPEG/BMP

RECORDING FORMAT

Video	HQ / SP / LP / EP / SLP mode : MPEG-2 MP@ML
Audio	HQ / SP / LP / EP / SLP mode : MP2 2-channel

CODECS SURPORTED

Video	MPEG-1 / MPEG-2 / MPEG-4 ASP: XviD
Audio	MP2/MP3 /OGG Vorbis/WMA Standard (DRM, Pro & Advanced Profile not supported) / PCM

VIDEO RECORDING MODE

Mode	80 GB HDD	120 GB HDD	160 GB HDD
HP	16hrs	24 hrs	33 hrs
SP	32 hrs	48 hrs	66 hrs
LP	48 hrs	72 hrs	99 hrs
EP	64 hrs	96 hrs	132 hrs
SLP	96 hrs	144 hrs	198 hrs

VIDEO OUTPUT SPECIFICATION

Composite Output	1 Vpp 75 Ohm
Components Output	Y:1 Vpp 75 Ohm
	Cb:0.7 Vpp 75 Ohm
	Cr:0.7 Vpp 75 Ohm
HDMI Output	HDMI (Version 1.1)

AUDIO PERFORMANCE

DA Converter	24-bit / 192kHZ
AD Converter	24-bit / 96kHZ
Signal-Noise (1kHZ)	≥ 95dB
Dynamic Range (1kHZ)	≥90dB
Channel	≥95dB
Separation Total Harmonic Distortion (1kHZ)	≤-85dB

SUBTITLE FORMATS SURPORTED

Formats	SRT, SMI, SSA, IDX/SUB, SUB

RECORDABLE DEVICE SUPPORTED

Device	Built in HDD / USB HDD

USB SUPPORTED

USB	- USB HDD - Other USB Mass Storage Devices - USB 2.0 Interface

NETWORK FEATURE

Ethernet	10/100Mbps Auto-Negotiation
WLAN	IEEE 802.11b/g, up to 54Mbps (supported by the optional WLAN USB Adapter)

NOTE The specifications and design of this product are subject to change without notice.

3. Descriptions & Product Contents

3-1 Description

Front Panel

1 POWER

Indicator (red) turns on when the system turns on.

2 REC indicator

When Recording starts, this LED would shining in Blue.

3 HDMI

When HDMI interface was working, the HDMI Led would be shining in Blue

4 IR: Infrared receiver window

Receiving IR signals from the remote control.

5 HDD

When reading HDD files from HDD, the HDD LED would be shinning.

Rear Panel

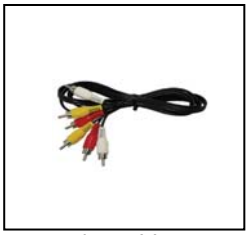
1. Air Flow
2. Audio OUT jack (Left Channel)
3. AUDIO OUT jack (Right Channel)
4. VIDEO OUT jack
5. AUDIO IN jack (Right and Left Channel)
6. VIDEO IN jack
7. RJ45 LAN port
8. USB SLAVE port (MINI USB)
9. Y/Pb/Pr OUT jack (Components Video)
10. S/PDIF Optical jack
11. HDMI jack
12. USB HOST port x 1
13. DC IN jack

3-2 Product Contents

QR130

Remote Controller

Battery


A/V Cable

Power Adapter

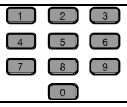
Power Cable

Install CD

User Guide

SCART Adapter USB Cable **NOTE**	The actual contents in the package might be different from the packing list in this manual

4. Remote Controller

1		**Power**	Press to enter standby mode or wake up
2		**Numeric botton**	Press to enter channel numbers or numeric input when changing settings.
3		**GOTO**	Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time.
4		**TV OUT**	Change player video output mode according to the following order (NTSC Composite -> NTSC Component -> NTSC HDMI -> PAL Composite -> PAL Component ->PAL HDMI)
5		**AUDIO**	Press to select an audio track
6		**VOLUME +**	volume up
7		**SKIP BACKWARD**	fast reverse during video play /10 second rewind during mp3 play.
8		**VOLUME -**	volume down
9		**PAUSE**	Stop play.
10		**RECORD button**	Press to begin recording or to resume when recording has been paused. Press repeatedly to set one touch recording (OTR) length (30 MIN. / 60 MIN. / 90 MIN. / 120 MIN. / 180 MIN. / 240 MIN. / Off).
11		**OK**	Press to select options in menus.
12		**BROWSER**	Press to browse music, photo, and movie files on HDD, USB, and NET
13		**REPEAT ALL**	repeat all items when play video,mp3,ect.
14		**REPEAT ONE**	repeat one item when play video,mp3,ect.
15		**TIMER**	Press to enter the Timer Menu directly to add, edit and delete recording schedules. See 5.1 Creating a New Schedule for more details.
16		**TIME SHIFT**	While in Video In mode, press to activate the time shift function, which allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the HDD or USB device, as long as space is available. Press to activate TIME SHIFT function and wait for the PLAY arrow to appear on the screen. Press and the program will be paused. Press to resume viewing the program. Time shift mode remains active until you press.

17		**SETUP**	Press to access the Setup Menu directly.
18		**MUTE**	Press to mute audio output, and press again to resume
19		**GUIDE**	Press to view the Guide menu, it is the player's home page.
20		**INFO**	Popup video information during Video Play.
21		**SEARCH**	Popup random access OSD during Video Play
22		**SKIP FORWARD**	Press to fast forward the current playback. Press repeatedly to select speeds.
23		**SEARCH**	Popup random access OSD during Video Play.
24		**PLAY**	Press to begin playback of a media file or title
25		**STOP**	Press to stop playback
26		**NAVIGATION BOTTON**	Press the arrow buttons to select menu options.
27		**RETURN**	Press to return to the previous screen when navigating menus
28		**SUBTITLE**	Press to set subtitle option
29		**DELETE**	Press to delete what you want to delete
30		**CONFIRM**	Press to add the selected file to playlist
31		**SELECT**	Press to select the file to be added to playlist
32		**ZOOM**	Press to zoom in/out the image (photo or video)
33		**COPY**	Press to enter the file copy menu
34		**CM SKIP**	Press to forward 30 seconds when in playback or record model
35		**REPLAY**	Press to backward 10 seconds of current playback

5. SATA HDD Installation

Please install the player according to the following instructions.

SATA HDD Installation

1、press the bottom cover. 2、open the bottom cover. 3、pull away hard disk bracket.

4、put hard disk in. 5、screw hard disk tightly 6、make sure all 6pcs screws well .

7、Insert the bracket with HDD. 8、Connect SATA or IDE cable 9、Connect power cable

10、Insert bottom cover and close it. 11、Ok.

6. Partitioning and Formatting Hard Disk

Non-formatted hard disks are not detected by PC. If the hard disk is not formatted, please take the following steps to format it. Newly purchased hard disks are not normally formatted

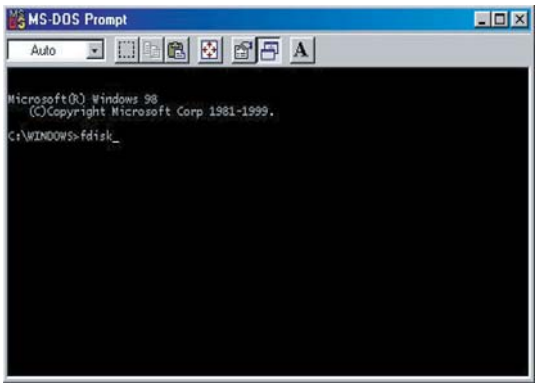
6-1 Setting and Formatting on Windows 98/ME

Caution In Windows 98SE, install and exclusive driver before proceeding to partition and formatting. In windows ME/2000/XP, there is no need to install exclusive driver

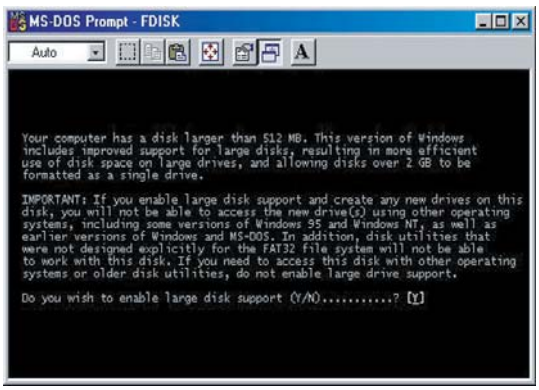
1. Install exclusive driver and then connect QR130 to PC using USB cable

2. Select Window [Start>Program>MS-DOS] to open and MS-DOS window.

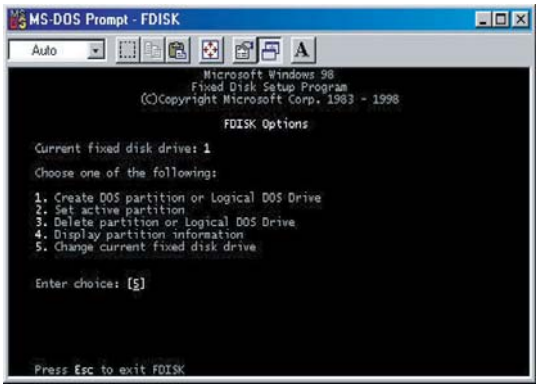
3. Type fdisk command in MS-Dos window and press the **[Enter]** key.



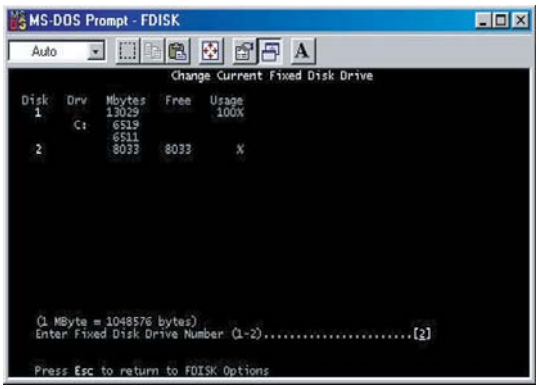
4. Say yes to enable large disk capacity by typing **"Y"** and then press the **[Enter]** key.


MS-DOS Prompt - FDISK
Auto
Your computer has a disk larger than 512 MB. This version of Windows includes improved support for large disks, resulting in more efficient use of disk space on large drives, and allowing disks over 2 GB to be formatted as a single drive.
IMPORTANT: If you enable large disk support and create any new drives on this disk, you will not be able to access the new drive(s) using other operating systems, including some versions of Windows 95 and Windows NT, as well as earlier versions of Windows and MS-DOS. In addition, disk utilities that were not designed explicitly for the FAT32 file system will not be able to work with this disk. If you need to access this disk with other operating systems or older disk utilities, do not enable large drive support.
Do you wish to enable large disk support (Y/N).....? [Y]

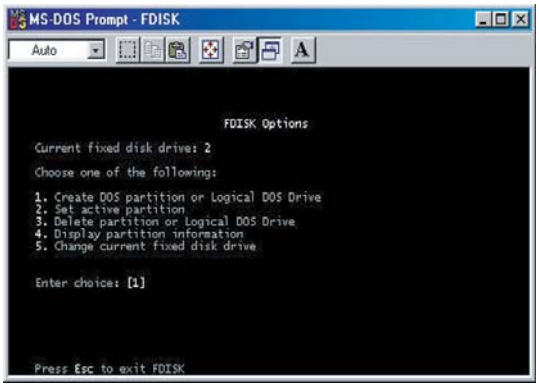
5. Among fdisk options, select options 5[change current fixed disk drive].


MS-DOS Prompt - FDISK
Auto
Microsoft Windows 98
Fixed Disk Setup Program
(C)Copyright Microsoft Corp. 1983 - 1998
FDISK Options
Current fixed disk drive: 1
Choose one of the following:
1. Create DOS partition or Logical DOS Drive
2. Set active partition
3. Delete partition or Logical DOS Drive
4. Display partition information
5. Change current fixed disk drive
Enter choice: [5]
Press Esc to exit FDISK

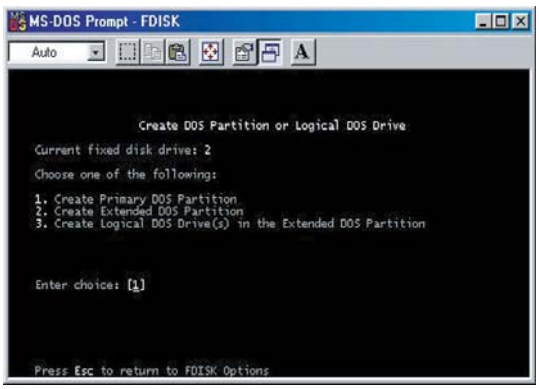
6. Type the hard disk number fro partitioning in [Enter Fixed Disk Number] and press the **[Enter]** key



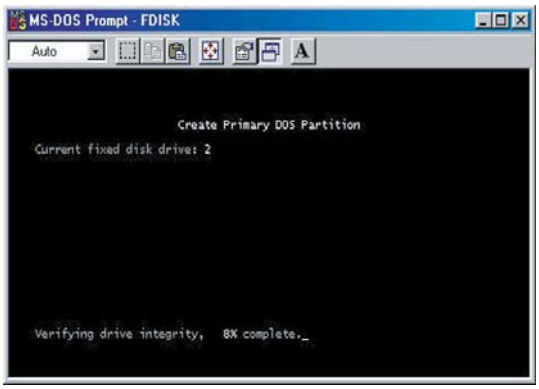
7. Select [1.creat DOS partition or Logical DOS Drive] in fdisk options by typing **"1"** and then press the enter key


MS-DOS Prompt - FDISK
Auto
FDISK Options
Current fixed disk drive: 2
Choose one of the following:
1. Create DOS partition or Logical DOS Drive
2. Set active partition
3. Delete partition or Logical DOS Drive
4. Display partition information
5. Change current fixed disk drive
Enter choice: [1]
Press Esc to exit FDISK

8. Select [1.Creat Primary DOS Partition] in 'Create DOS Partition or Logical DOS Drive' by typing **"1"** and then press the enter key.

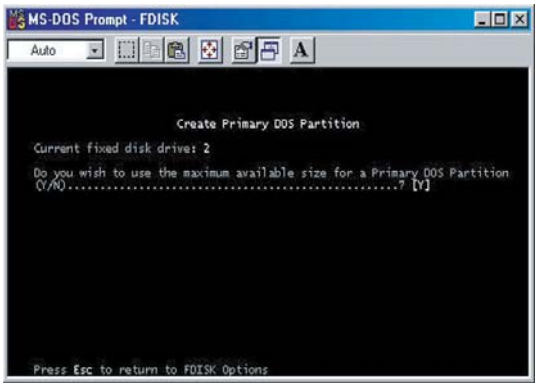

MS-DOS Prompt - FDISK
Auto
Create DOS Partition or Logical DOS Drive
Current fixed disk drive: 2
Choose one of the following:
1. Create Primary DOS Partition
2. Create Extended DOS Partition
3. Create Logical DOS Drive(s) in the Extended DOS Partition
Enter choice: [1]
Press Esc to return to FDISK Options

9. Wait for integrity check to be complete as below



10. After integrity check, say yes to the message 'Do you wish to use the maximum available Size for a primary DOS partition and make the Partition active(Y/N)?

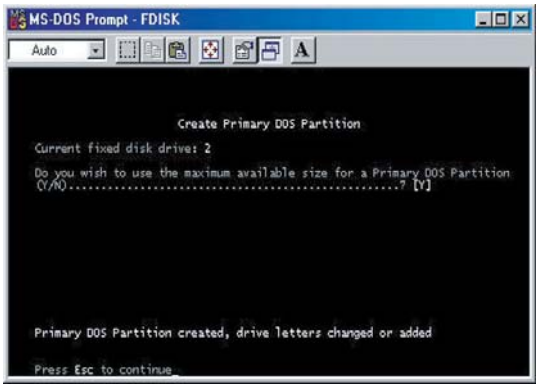
By typing **"Y"** and press the enter key


MS-DOS Prompt - FDISK
Auto
Create Primary DOS Partition
Current fixed disk drive: 2
Do you wish to use the maximum available size for a Primary DOS Partition (Y/N).....? [Y]
Press Esc to return to FDISK Options

11. Type in [capacity or % you want] and press the enter key. If you want to use one disk without partitioning. Type 100%.

12. Integrity check is started again. After it is completed, A message saying Primary Dos Partition was created, drive letter was modified or added is displayed.

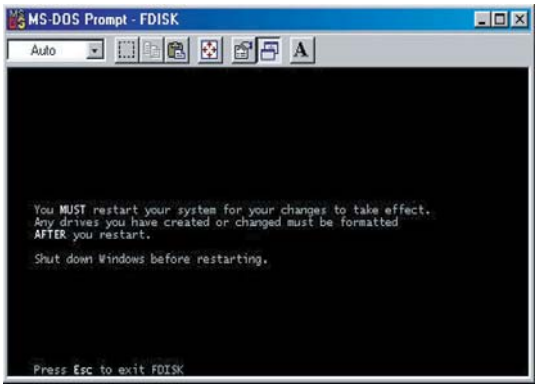
Then, press **[ESC]** to return to fdisk options


MS-DOS Prompt - FDISK
Auto
Create Primary DOS Partition
Current fixed disk drive: 2
Do you wish to use the maximum available size for a Primary DOS Partition (Y/N).....? [Y]
Primary DOS Partition created, drive letters changed or added
Press Esc to continue_

13. In fdisk option screen, press **[ESC].**

Then a message is displayed, saying that your must restart your system.

Press **[ESC]** again.


MS-DOS Prompt - FDISK
Auto
You MUST restart your system for your changes to take effect.
Any drives you have created or changed must be formatted
AFTER you restart.
Shut down Windows before restarting.
Press Esc to exit FDISK

14. At hen C:\WINDOWS> prompt, type exit and then press**[ENER]** to return to window screen.

15. Disconnect QR130 from PC and then connect it again to PC.

16. Drive letter s created in [My Computer] of Windows Explorer.
Right-click the created drive letter and select **[Format].**

17. When formatting is completed , you can use QR130 as an external hard disk drive by connecting it to Computer.(I change it based on my comprehension)

Caution

For some hard disks, power supply from USB port is not enough for operation, in this case, connect a separate power supply using the adapter supplied in the package. Then, no problem will be experienced in operating the device connected to a PC.

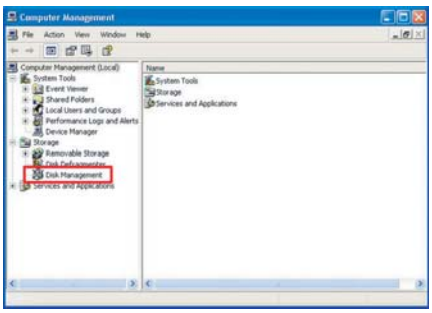
For recently released PCs, there is a USB port installed on the front side of the PC for users' convenience. However, this expanded USB port sometimes fail to recognize devices sending and receiving data in high speed such as external hard disk. In this case, use the USB port in the rear side of the PC

6-2 Setting and Formatting on Windows 2000 / XP

Non-formatted hard disks are not detected by PC. If the hard disk is not formatted, please take the following steps to format it. Newly purchased hard disks are not normally formatted

1. Connect QR130 to a PC using a USB cable

2. Select [Start> Control Panel>management Tool>Computer Management] and then [Disk Management] under Computer Management menu.

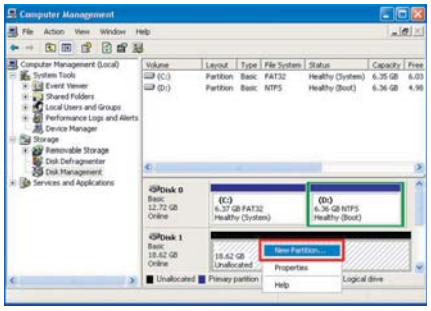


3. Click **[Next]** to continue when write Signature and Disk Upgrade Wizard appears

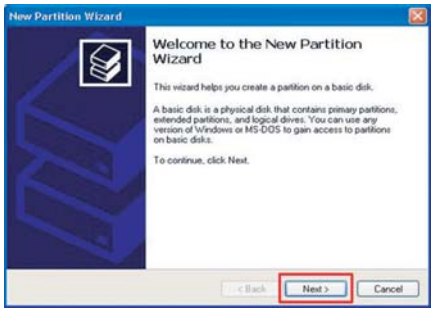
4. Select the disks you want to write a disk signature to and Click **[Next]** to continue

5. When Write Signature and Disk Upgrade Wizard is completed, Click **[Finish]**

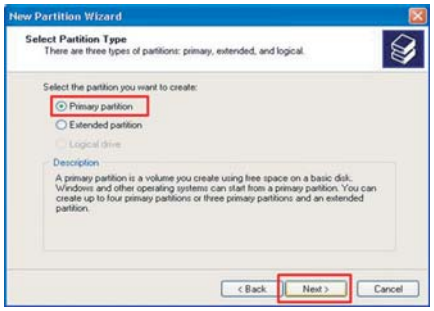
6. Right-click an [Unallocated] drive in Drive Management and select [New Partition] from the menu that appears.



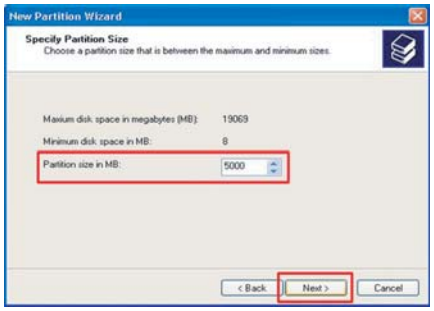
7. When the New partition Wizard is shown, Click **[Next]** to continue


New Partition Wizard
Welcome to the New Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

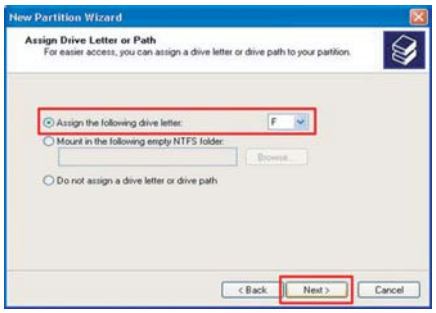
8. Select **[Primary Partition(P)]** and Click **[Next]** to continue


New Partition Wizard
Select Partition Type
There are three types of partitions: primary, extended, and logical.
Select the partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.
< Back
Next >
Cancel

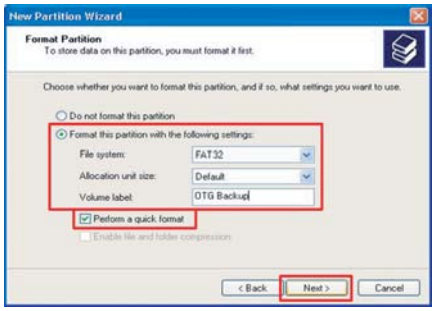
9. Enter the desired partition size in [Partition size in MB] and Click **[Next]** to continue.


New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maximum disk space in megabytes (MB): 19069
Minimum disk space in MB: 8
Partition size in MB: 5000
< Back
Next >
Cancel

10. When the [driver letter] is assigned, Click **[Next]**


New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter: F
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

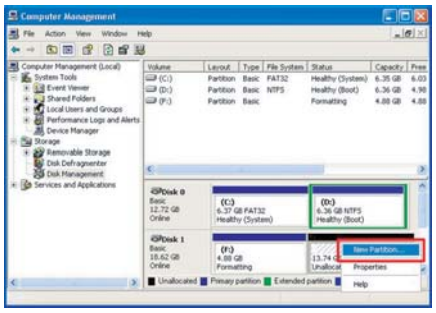
11. In the format partition windows, select [format this partition with the following settings] and FAT32, and then check [Perform a quick format] box. Click **[Next]** to continue.


New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system: FAT32
Allocation unit size: Default
Volume label: OTG Backup
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

12. When [Completing the New Partition Wizard] appears, Click **[Finish]**

13. A new NTFS partition was created.

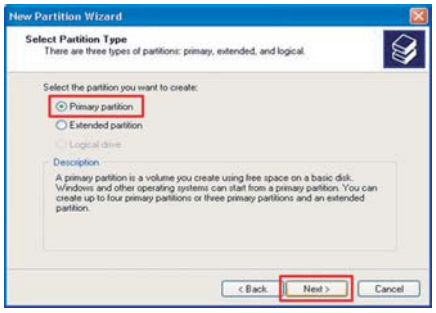
14. Right-click an [Unallocated] drive in Drive Management and select [New Partition] from the menu that appears.



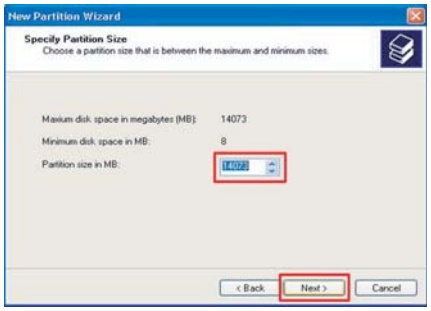
15. When the New partition wizard is shown Click **[Next]** to continue.

New Partition Wizard
Welcome to the New Partition Wizard
This wizard helps you create a partition on a basic disk.
A basic disk is a physical disk that contains primary partitions, extended partitions, and logical drives. You can use any version of Windows or MS-DOS to gain access to partitions on basic disks.
To continue, click Next.
< Back
Next >
Cancel

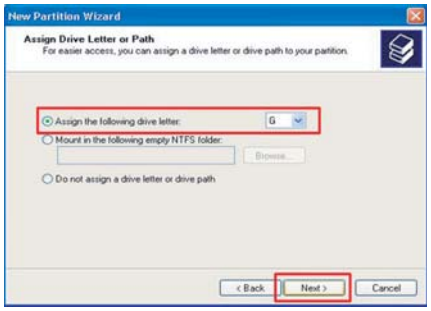
16. Select [Primary Partition(p) and Click **[Next]** to continue.


New Partition Wizard
Select Partition Type
There are three types of partitions: primary, extended, and logical.
Select the partition you want to create:
Primary partition
Extended partition
Logical drive
Description
A primary partition is a volume you create using free space on a basic disk. Windows and other operating systems can start from a primary partition. You can create up to four primary partitions or three primary partitions and an extended partition.
< Back
Next >
Cancel

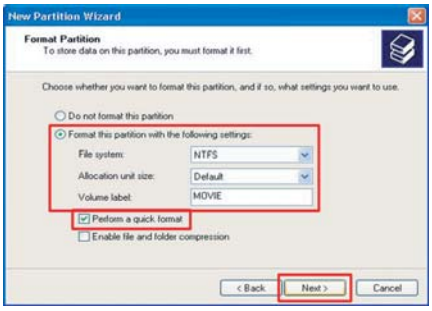
17. Leave the value for [Partition size in MB] as if appears and Click **[Next]** to continue. (The partition size shown is the remaining hard disk size unallocated.)


New Partition Wizard
Specify Partition Size
Choose a partition size that is between the maximum and minimum sizes.
Maximum disk space in megabytes (MB): 14073
Minimum disk space in MB: 8
Partition size in MB:
14073
< Back
Next >
Cancel

18. When the [drive letter] is assigned, Click **[Next]**


New Partition Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter:
G
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

19. In the format partition windows select [Format this partition with the following settings] and NTFS, and then check [Perform a quick format] box, Click **[Next]** to continue.


New Partition Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this partition, and if so, what settings you want to use.
Do not format this partition
Format this partition with the following settings:
File system:
NTFS
Allocation unit size:
Default
Volume label:
MOVIE
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

20. When [Completing the New Partition Wizard] appears, Click **[Finish].**

Caution

Drives formatted with NTFS file system are detected on windows 2000/XP, but not detected on Windows 98/ME.

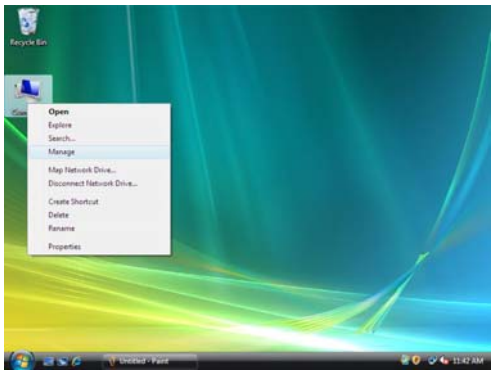
Do not select to use [Compressing Files and Folder] option.
If the specification file system is FAT32 on windows 2000/XP, it is not possible to have one drive letter on large hard disk over 32GB. In order to have one partition, please perform partitioning and formatting on windows 98/ME.

Also, select [Primary Partition] to have multiple partitions on large hard disk over 40GB.
If [Extended Partition] is selected, drives may not be detected.

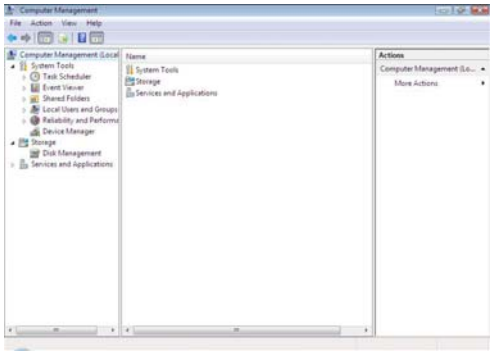
6-3 Hard disk formatting and partition under Windows VISTA

Under VISTA, you can create a partition and format the hard disk using the disk manager.

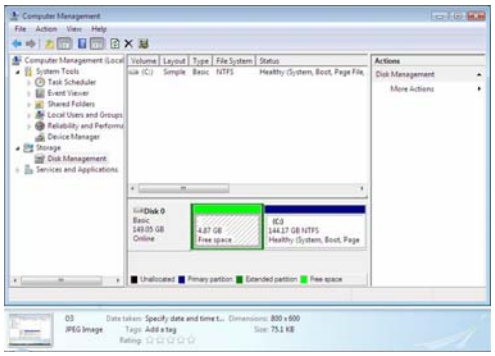
1. Right click the Window icon located on the right hand side of the task bar.
Please do me a fav our to insert the icon, thank you.
The following menu will be displayed.
Right click on “computer” then select “Manage”



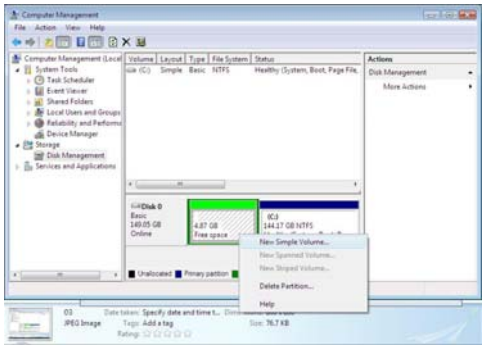
2. You access the “Computer Management” software. Select “Service and Application” in the left column.
The following window will be displayed.



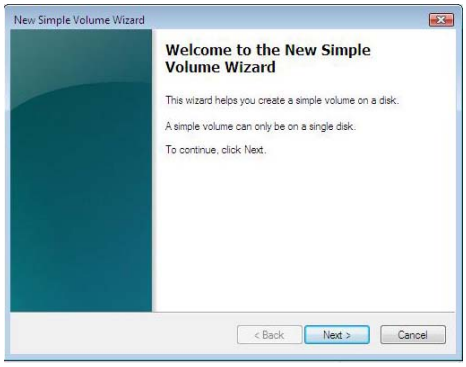
3. The QR130 hard disk can be viewed on the right hand side window.
If the indication is not given. this means that the disk has not been formatted.



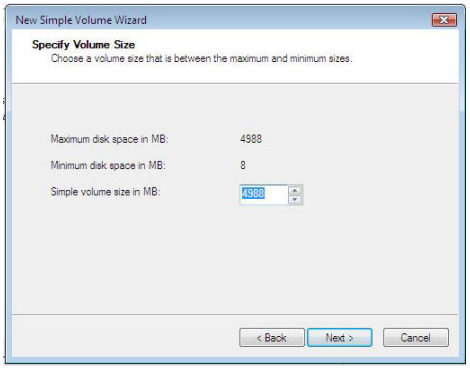
4. Right click the hard disk bar and select “New Simple Volume” (See the left figure)



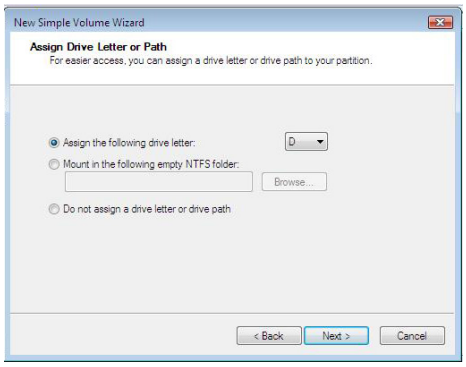
5. The wizard-“Welcome to the New Simple Volume Wizard” will be displayed (Partition), Click on “Next”


New Simple Volume Wizard
Welcome to the New Simple Volume Wizard
This wizard helps you create a simple volume on a disk.
A simple volume can only be on a single disk.
To continue, click Next.
< Back
Next >
Cancel

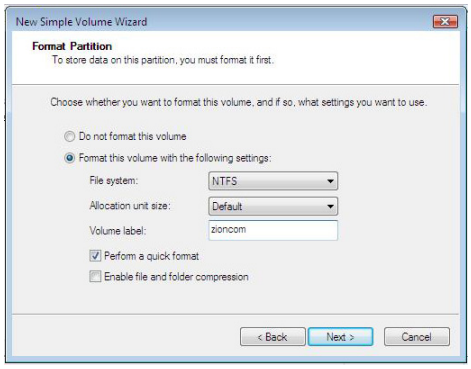
6. Specify here the maximum size of the desired partition



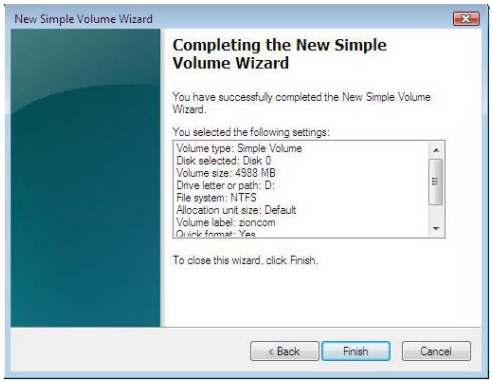
7. In this window, tick the box “Assign the following drive letter” and let window name the letter, here it is D then click on “Next” .


New Simple Volume Wizard
Assign Drive Letter or Path
For easier access, you can assign a drive letter or drive path to your partition.
Assign the following drive letter:
D
Mount in the following empty NTFS folder:
Browse...
Do not assign a drive letter or drive path
< Back
Next >
Cancel

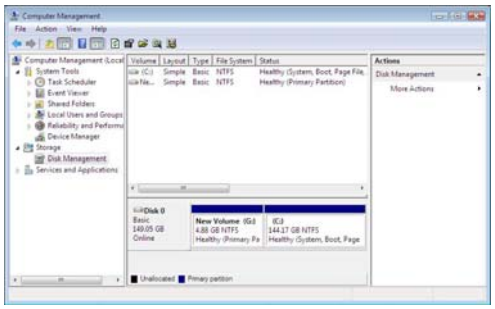
8. In this window, leave all the default parameters but select “Format this volume with the following settings” then Click on “Next”


New Simple Volume Wizard
Format Partition
To store data on this partition, you must format it first.
Choose whether you want to format this volume, and if so, what settings you want to use.
Do not format this volume
Format this volume with the following settings:
File system:
NTFS
Allocation unit size:
Default
Volume label:
zioncom
Perform a quick format
Enable file and folder compression
< Back
Next >
Cancel

9. In the right hand side window Click on "Finish" to close the window then start to format your hard disk.


New Simple Volume Wizard
Completing the New Simple Volume Wizard
You have successfully completed the New Simple Volume Wizard.
You selected the following settings:
Volume type: Simple Volume
Disk selected: Disk 0
Volume size: 4988 MB
Drive letter or path: D:
File system: NTFS
Allocation unit size: Default
Volume label: zioncom
To close this wizard, click Finish.
< Back
Finish
Cancel

10. "Healthy (Primary Partition)" will be displayed.
When "Healthy (Primary Partition)" is displayed, this means that your QR130 hard disk is formatted and ready for use.
You can now close the disk management window.



6-4 Use on Linux (Available on Linux 2.4 or later)

[Auto Mount]

After booting , log in as a root user. Connect this product and turn the power on .Confirm whether this product's partition is detected using the partition tool, fdisk.

Make a mount pointer, for example, QR130, in folder mount (/ mnt) and edit / etc / fstab /

to add the following:

/ dev / sda1 / mnt / QR130 vfat nosuto, user 0 0 -> for HDD formatted with FAT32

/ dev / sda1 / mnt / QR130 ntfs nosuto, user 0 0 -> for HDD formatted with NTFS

You can use after log in again.

[Manual Mount]

Create mount pointer in the same way as above and then mount this product by typing as follows:

Mount -t vfat / dev / sda / mnt / QR130 -> for HDD formatted with FAT32

Mount -t ntfs / dev / sda / mnt / QR130 -> for HDD formatted with NTFS

Note	it is assumed that QR-130 is detected as sda in the example above .Drive name may subject to change depending on user environment .Please type the name of drive detected by USB Mass Storage.

[How to Stop Using QR-130]

You can unmount QR-130 in Device Manager.

6-5 Use on Macintosh

As this product is automatically detected on Macintosh O/S 9.X or later, there is no need extra drivers. When stop using this product on Macintosh, discard the corresponding Desktop icon into Trash Bin and disconnected this product from USB port..

7. Connecting QR-130

7-1 TV Connection – A/V IN

(1) Follow the picture and plug in the 3 color connector to the player's A/V IN jack;

(2) Follow the picture and plug in the 3 color connector to the A/V OUT jack of the TV/IP TV Set-Top Box (STB). In this way, you can record TV programs from the TV/IPTV Set-Top Box.

7-2 TV Connection – A/V OUT

(1) Follow the picture and plug in the 3 color connector to the player's A/V OUT jack;

(2) Follow the picture and plug in the 3 color connector to the TV's A/V IN jack. In this way, you can enjoy the content in the player on TV or other display devices.

7-3 Connection with Y/Pb/Pr Component OUT

(1) Follow the picture and plug in the 3 color connector to the player's Y/Pb/Pr jack;
(2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.
Audio Connection while using Y/Pb/Pr Video out:
First method: use the audio output from the A/V OUT jack;
Second method: use the audio output from the S/PDIF Coaxial or Optical jack.
(3) In this way, you can also enjoy videos, music, and photos in the player on TV.

7-4 Connection with HDMI OUT

(1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;
(2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack. (not supplied)
(3) In this way, you can have the highest quality video and audio via a single cable.

7-5 Power Connection

(1) Follow the picture and connect the AC adaptor to the player's DC IN jack;

(2) Follow the picture and plug in the AC adaptor to the power outlet.

7-6 Ethernet Connection

To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).

(1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;

(2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router,

7-7 WLAN Connection (by option)

(1) Make sure the player is powered on;

(2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.(Please use the Wi-Fi Dongle we provided)

7-8 Connection with 2Ch of Normal Audio

Connect red and white audio cables from QR-130 to same colored input jack of TV or audio device

7-9 Connection with Optical output

"When you have a multi channel Decoder /amplifier with optical input, you can enjoy 5.1CH high quality sound through optical cable.
The illustration on the top shows how to connect with optical cable"

7-10 First Time Usage

HDD Installation

For users who bought the player without a HDD inside, and want to install a SATA HDD, please see 5 HDD Installation for details.

Remote Control

First time usage of Remote control Install the batteries before using the remote control, slide the battery cover off remote control back, put batteries in, and slide the cover on.

Power on/off, language control

1. Power on

After connecting the power supply cord, press the power button on the player or remote control to wake up the system, the blue Power indicator on the front panel will turn on, wait for a couple of seconds to enter the system .

2. Power off

When the system is running, press the Power button on the player or remote control, the player will turn off.

8. Getting Started

Power on the system, and after a few seconds, the system will enter a guide menu.

8-1 Selecting Video In-Live TV, Recording and Time Shift

Choose this option, you can pre-view the video to be recorded, or have time shift function (See TIME SHIFT button in Remote Control for more details). To select an input source, select Video In button on the guide menu page.

8-2 Selecting file copy function

Choose this option, You can go on for file copy function, among Local network, hard disk drive and external storages

8-3 Selecting browser function

Playback Multimedia Files, You can browse all the multimedia (Videos/Music/Photos) files on the internal

HDD/USB or Network, and playback them on TV. Press on the remote control or select Browser button on the guide menu page to browse movie, photo, and music files stored either on a HDD, USB device, or Network.

8-4 Selecting Setup

To enter the setup menu, press on the remote control or select setup option on the guide menu page.

8-5 Timer Rec

To enter the Timer Rec, select Timer Rec option on the guide menu page, you can make detail record setting in this function.

9. Setup Menu

The Setup Menu allows you to configure language, audio, video, record, network and system settings. To enter the menu, select **Setup** from the **Guide** menu or press button on the remote control.

9-1 Changing System Settings

Press and on the remote control to select the **System** tab from the menu.

Menu Language

Press OK on “Menu Language”, use and to choose the right Language you want and Press OK to confirm.

Text Encoding

Select to set text encoding. Press and to select from Unicode.

Press OK to confirm.

Time

Select to set the system time. Press OK and enter Manual setup.

Enter the system menu and press ◄ and ► to select each field and the up and down navigation arrows to adjust each setting. Press OK to confirm.

Restore Default

Select to restore factory defaults.

A confirmation message appears. Select OK and press **Enter** to restore all settings to defaults.

9-2 Changing Audio Settings

Press and on the remote control to select the **Audio** tab from the menu bar.

Night Mode

Select to set night mode. Press and to select from Off, On, and Comfort. Press OK to confirm.

Digital Output

Select to set Digital Output mode.

Press and to select from Raw, and LPCM. Press OK to confirm.

9-3 Changing Video Settings

Press ◄ and ► on the remote control to select the **Video** tab from the menu bar.

Aspect Ratio

Press ◄ and ► to select from Pan Scan 4:3, Letter Box 4:3, or 16:9. Press OK to confirm.

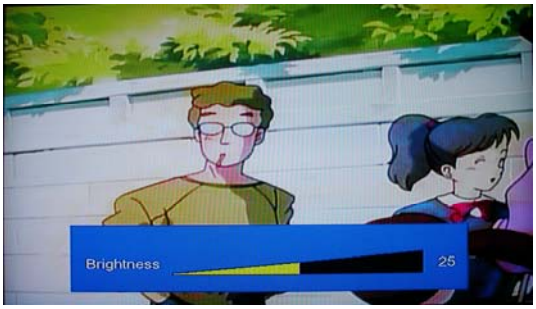
Pan Scan 4:3: Display a wide picture on the entire screen and cut off the redundant portions. Select when a standard 4:3 TV is connected.

Letter Box 4:3: Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected.

16:9 : Compress the image to convert the whole image. Select when a 16:9 TV is connected.

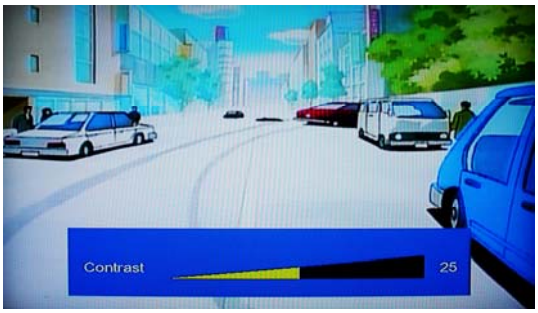
Brightness

Select to set brightness levels. Press and to adjust brightness. The new setting is previewed onscreen. Press OK to confirm.



Contrast

Press and to adjust contrast. The new setting is previewed onscreen. Press OK to confirm.



Video System

Press and to set the TV system, depending on your viewing preferences. Press OK to confirm.

9-4 Changing Record Settings

Press and on the remote control to select the **Record** tab from the menu bar.

Quality

Press and to select the quality setting you require. The highest quality setting is HQ which requires the most storage space. The other settings reduce recording quality sequentially but also require less storage space. Press OK to confirm。

Permanent Timeshift

Press and to select from On and Off. Press OK to confirm. If On, the Time Shift function will be activate permanently.

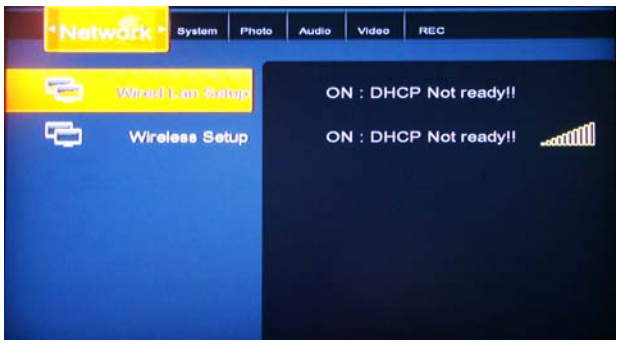
Record Device

Select to set device to restore the recorded files.

Press and to select from HDD and USB. Press OK to confirm.

9-5 Changing Network Settings

Press and on the remote control to select the **Network** tab from the menu bar.



Before using the Network functions, please check the following items:

1) Connect the player to a LAN or WLAN first;
2) Please enable NetBIOS of TCP/IP on computer;
3) Please turn off your PC's firewall;
4) Please enable your PC's 'Guest' account;
5) Please share the folders which you wish to browse on your PC, and make sure that 'Everyone' or 'Guest' has the right to access.

Wired LAN Setup

Press and to select DHCP IP (AUTO) or FIX IP (MANUAL). Press OK to confirm.

DHCP IP (AUTO): Set the IP address by auto. Press OK to confirm.

FIX IP (MANUAL): Using Fixed IP, it is required to enter the followings: IP address, Subnet Mask, and Default Gateway. For further assistance to the above settings, please contact the network administrator.

Use Navigational and Numeric buttons to enter IP address. Press OK to confirm.

Wireless Setup

Before configuring the WLAN settings, please check the following:

1) Make sure the WLAN USB Adapter is connected to the USB HOST port;
2) Make sure there is a wireless router or an AP (Access Point) on the network, or your PC is equipped with a wireless network adapter/card;
3) Make sure your player is in the effective range of the WLAN. Select Modify if it is your first time to connect to a wireless network.

There appear two connection modes:

Infrastructure (AP) mode and Peer to Peer (Ad Hoc) mode. If you

Want to chang the setting, choose the Modify, if not , just Connect.

Press to last step , and for next step.

Press and to select items, and **ok** to confirm.

Infrastructure (AP)

Infrastructure mode is used to connect computers with wireless network adapters, also known as wireless clients, to an existing wired network with the help from wireless router or access point.

1) Get SSID Name

Select Auto to search for an existing SSID

(Service Set Identifier).

Select the access point you wish to access from the SSID list.

note	In the Security list, WEP (Wired Equivalent Privacy) and WPA (Wi-Fi Protected Access) means the network is encrypted, i.e. an encryption key is needed to access the network. NONE means it is an open system network.

2) Confirm SSID Name

3) WLAN Security Setting

Select Open System if the network is not encrypted. Otherwise,
select Shared Key (WEP) or WPA Key to enter the encryption key

4) Wireless Address Setup

Select DHCP IP (AUTO) to set the IP address automatically. Or
select FIX IP (MANUAL) to set the IP address manually.

5) Setting List

The Setting List displays the network settings just now you configured.

6) Test Connection

The test will take for a while, please be patient to wait.

If the test is ok, the network information will be displayed.

Peer to Peer (Ad Hoc)

Peer to Peer mode, which is also called Ad Hoc mode or computer-to-computer mode, is used to connect wireless clients directly together, without the need for a wireless router or access point.

1) Ad Hoc Setup

Select **Manual** if you wish to change the default settings.
Then set the **Wireless SSID**, **Wireless Security**, and **Host IP** for the Ad Hoc connection.

note	Both the player and your PC need to use the Ad Hoc mode, share a common SSID, and be put into the same IP range.

2) Save and Startup
Select **OK** to confirm the above settings.
If the test is ok, the network information will be displayed.

10. Browser Menu

The Browser menu allows you to browse and play music, photo and movie files stored on a HDD, an external USB device, and Network. To enter the menu, select **Browser** from the **Guide** menu.

Press and to select the device on which the media is stored. Choose from HDD, USB, NET, and press OK

When data on HDD, USB device is connected or connect the system to Network, you can also browse photos, listen to music, and watch movies.

You also can add your favorite movie from USB,HDD,NET to the playlist, and more easy to enjoy it next time.

10-1 Browsing All

Use and on the remote control to select the **All** tab.

All directories and supported contents will be displayed. and to select the directory or file you wish to browse, and press to confirm.

10-2 Browsing Music

Use and on the remote control to select the **Music** tab.

All directories and supported audio files in current directory will be displayed. Press and to select the file you want to play.

Press **select** and **confirm** button which enables you to add the current music to the playlists.

10-3 Browsing Photo

Use and on the remote control to select the **Photos** tab.

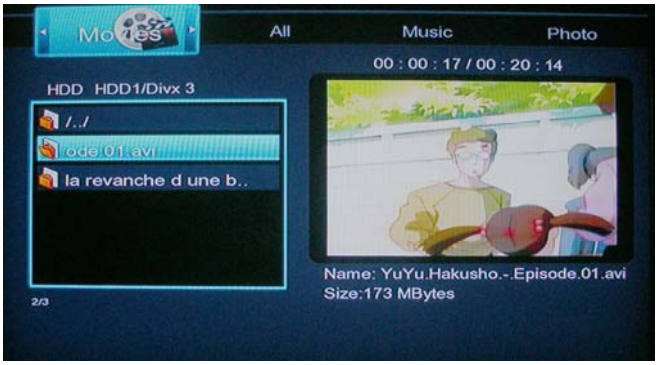
All directories and supported image files in current directory will be displayed. Press and to select the photo you want to view and press OK. The photo will be displayed full screen.

NOTE	1. When the photo is displayed in full screen mode, the slide show starts automatically. 2. While listening to music files, you can browse the photos at the same time.

While browsing a photo, you can press or to rotate a photo in any angle. Besides rotating a photo, you can press ZOOM to zoom in/out that photo.Five zoom levels are available.

10-4 Browsing Movie

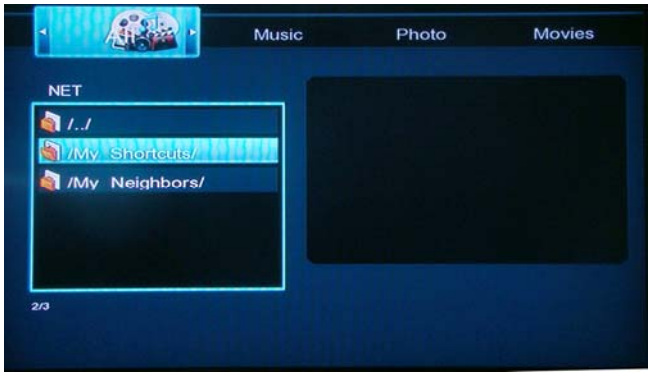
Use and on the remote control to select the **Movies** tab.



All directories and supported video files in current directory will be displayed. Press and to select the movie you want to view and press OK. The movie will be played in full screen mode. This browsing movies function supports DAT, VOB, IFO, MPG, AVI, and TS file formats. While browsing a movie in full screen mode, you can press ZOOM to zoom in/out the image. Eight zoom levels are available.

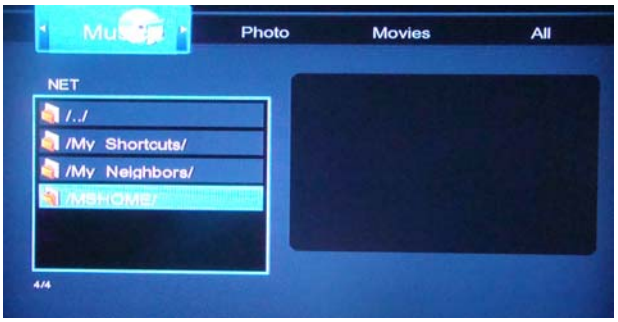
10-5 Browsing via Network

You can streaming playback the multimedia files shared on the local area network (Ethernet or WLAN). Before viewing the following, please make sure that you have read **9.5 Changing Network Settings** and made the right settings. When selecting NET in the Browser menu, there are two ways to locate the multimedia files shared on your local network. One way is to browse through workgroup; the other way is to browse through " My Shortcuts "



[1] Browsing through Workgroup

ou can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press OK to confirm. Then select the shared multimedia file that you want to browse.



NOTE

1. While browsing high definition video files (resolution up to 720p / 1080i) via Ethernet or WLAN, the video might be buffering. It is normal due to the limit of network speed or signal strength.
2. Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use My Shortcuts to browse shared files.

[2] Browsing through My Shortcuts

You can also set Specific File Server IP and access it from My Short in the menu.

Network Browser

Select to set Net User ID, Net Password, and Specific File Server IP, Network Browser which enables to My Shortcuts.

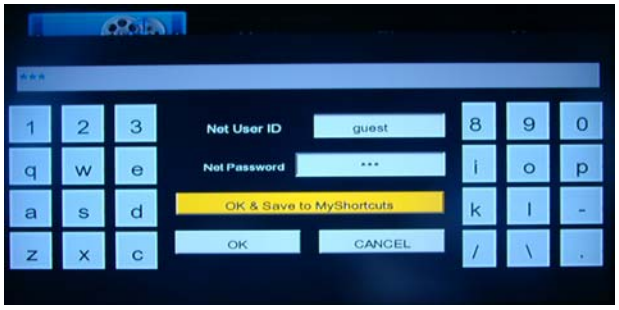
-Select Net User ID and the entry screen will appear.
-Use the navigation arrows to select letters and numbers.
-Select CAPS to toggle between uppercase and lowercase letters.
-Press to delete a letter.
-Press to insert a space.
-Press to input each letter or number.

-Select Net Password and the entry screen will appear.

-See above.

- Select Specific File Server IP, and use Navigational and Numeric buttons to enter IP address.

- You can also select Detail to set the Label, Domain, and Host Name of the shortcut. Then select OK to confirm.



Select the shortcut you added and press ok to confirm。

Then select the shared multimedia file that you want to browse.

10-6 File Management

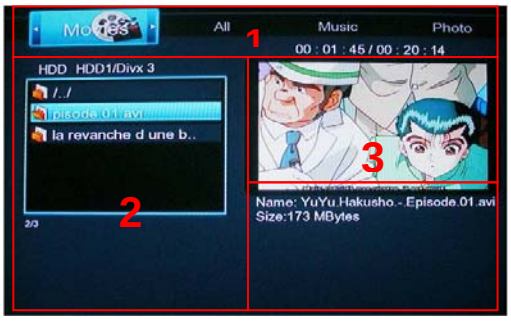
In this File management chapter, there would be some introduction for file management.

Playing Back Titles

To play a recorded title, do the following:

1. Press and on the remote control to select the Play tab from the menu bar.

2. Press and on the remote control to select the title you wish to play.



3. Press OK on the remote control or the ENTER (Play)button on the front panel to play the file.

4. Press ■ on the remote control stop playback and return to the Title List menu screen

Deleting Titles

To delete a title, do the following:

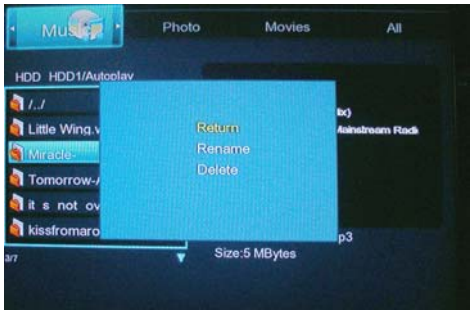
1. Press ▲ and ▼ on the remote control to select the title you wish to delete, press 'delete' button.

2. When confirmation message appears. Press ▲ or ▼ and select Delete.

3. Press OK to delete the selected file.
To cancel delete, select Return.

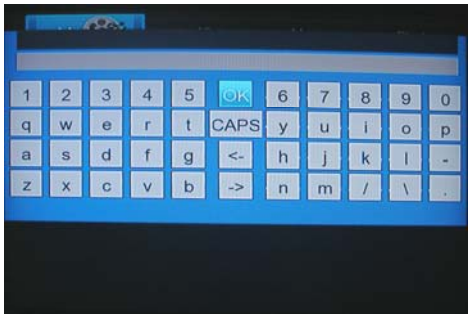
Renaming Titles

To rename a title, do the following:



1. Press ▲ and ▼ on the remote control to select the file you wish to rename.

2. Press "Rename" on the remote control. The name entry screen appears.



3. Choose Rename, and press 'ok' to confirm.

4. Use the navigation arrows to select letters and numbers. Select CAPS to toggle between uppercase

and lowercase letters.

Press <- to delete a letter. Press -> to insert a space.

Press OK to input each letter or number.

5. Once you have entered the new name, select OK and press OK to confirm all change, If you want to cancel the naming during the process, choose return.

10-6 Playlist

Add your favorite movie from USB,HDD,NET to the playlist, and more easy to enjoy it next time.

1) Get in to USB, HDD,NET in Browse. And use ▲ and ▼ to choose the file you want to add.

2) Press the **SELECT** bottom on the remote control .

2) And then press **CONFIRM** bottom on the remote control

3) you can find the file which was added in playlist

11. Media Recording

11-1 Recording from Video-In Mode

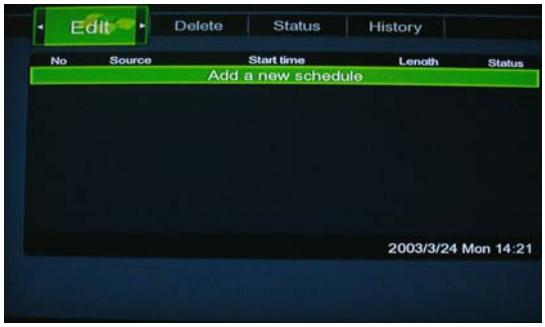
Select Video-in option from the Guide List, enter into this Video-in mode, and press 'REC' button to recording files.

11-2 Time Record Menu

The Timer Record menu allows you to create, edit and delete recording schedules and view all schedule st atus and history. Press on the remote control to enter the menu.

Create a New Schedule

Press and on the remote control to select the Edit tab from the menu bar. Select Add a New Schedule and press OK. The schedule setting screen appears.

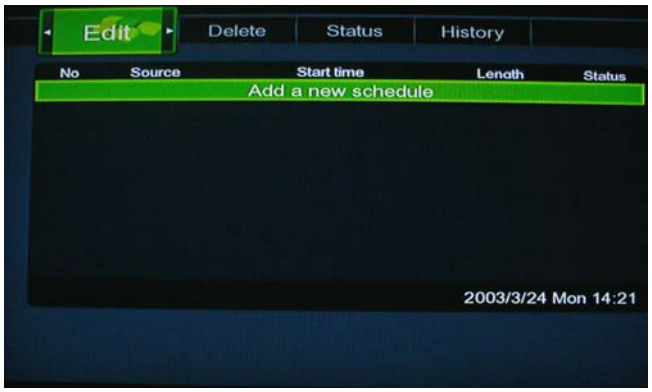


Use and on the remote control to move between fields and Press and to adjust each setting.

StartTime	Enter the date and time of the recording.
Length	Enter the length of the recording
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. The higher the quality, the more space required on the hard drive. See HDD Free Space on the left of the screen for details of how long you can record for using each setting.
Preview	This small preview window will show the current program of the select channel.

Editing Schedule

Press ◄ and ► on the remote control to select the Edit tab from the menu bar.

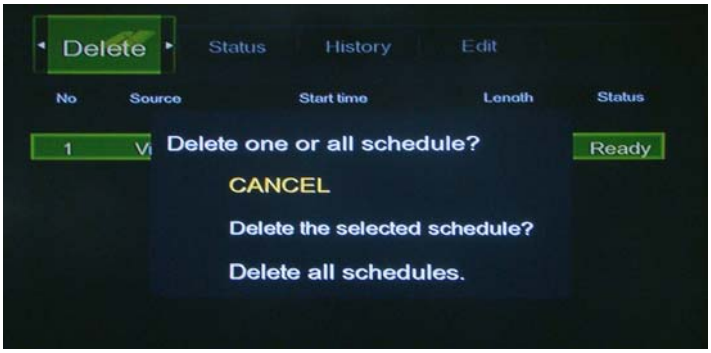


Select the schedule you want to edit from the list and press OK.

The schedule setting screen appears. Modify the schedule as described in 11-2 Creating a New Schedule.

Deleting Schedules

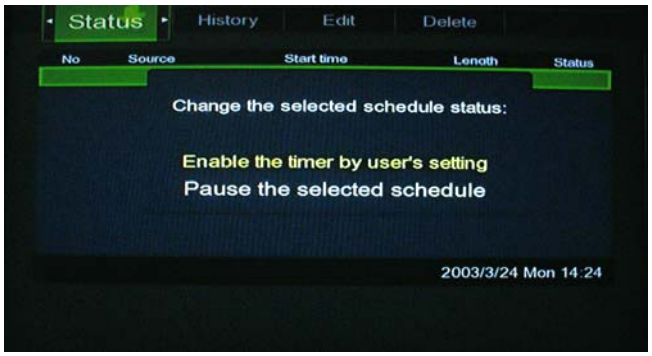
Press ◄ and ► on the remote control to select the **Delete** tab from the menu bar. Select the schedule you want to delete and press OK. A confirmation message appears.



Select CANCEL, Delete the selected schedule or Delete all schedules. Press OK to confirm.

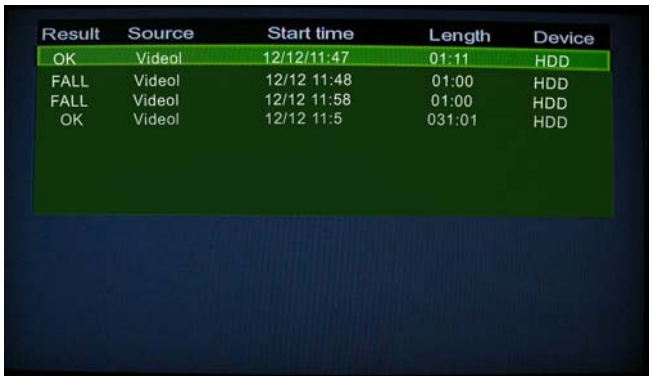
Viewing Schedule Status

Press ◄ and ► on the remote control to select the **Status** tab from the menu bar. The schedule list is displayed. Select a schedule and press OK.



Viewing Recording History

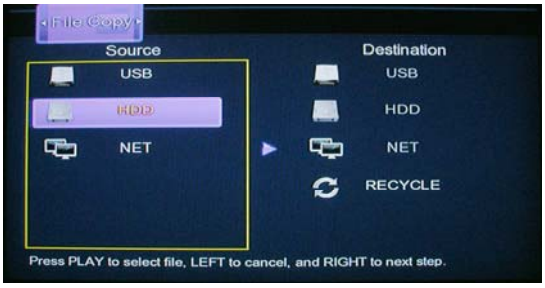
Press ◄ and ► on the remote control to select the **History** tab from the menu bar. Here you can view a complete history of all recordings that were set.


Result Source Start time Length Device
OK Videol 12/12/11:47 01:11 HDD
FALL Videol 12/12 11:48 01:00 HDD
FALL Videol 12/12 11:58 01:00 HDD
OK Videol 12/12 11:5 031:01 HDD

NOTE Recording function can only realize with Hard Disk file system: FAT32, NTFS cannot support this function. For NTFS system format, it would shows ‘No space’

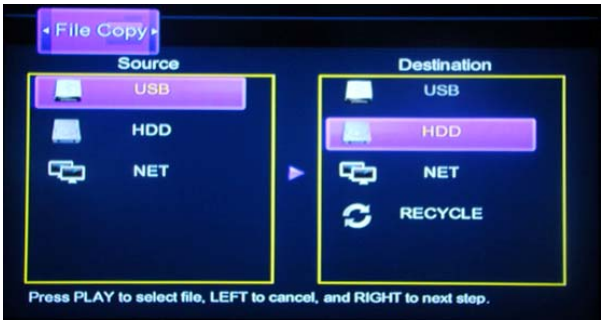
12. File Copy Menu

Press **COPY** bottom on the remote control to enter the File Copy menu, which allows you to copy files between HDD, USB devices and Network.



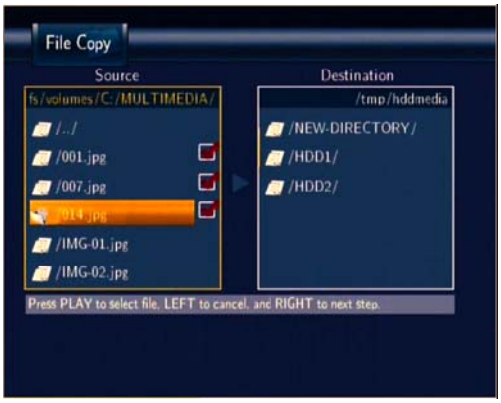
Step 1: Select the source device and destination device.

Press and to select device. Press to cancel, and for next step.



Step 2: Select the source files you want to copy.

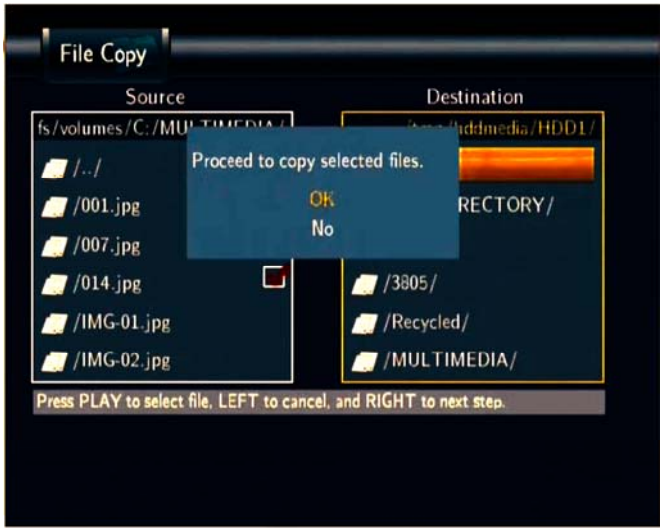
Press play button to select files, to cancel,and to next step.



Step 3: Select the destination folder to store the above files.

Press and to select folder. Press to cancel, and for next step.

Step 4: Proceed to copy selected files.



Press and to select OK, press OK to confirm. And the copy will start.

NOTE	File copy function can only realize with Hard Disk file system: FAT32, NTFS cannot support this function.

13. Firmware Upgrade

13-1 System information

In video-in Mode, please press ‘stop’ first, and ‘ pause’ button later, the player system information would appears as follows including firmware version no.

13-2 Firmware Upgrade

If it is the first time that you are installing a SATA HDD (no matter it is a new one or an old one into the player, please make sure you have read the following steps in advance.

Step 1: Backup Data

Please backup the data in the HDD before installing it into the player.

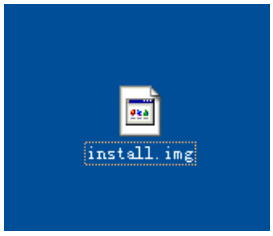
The following steps will format the hard disc, which will erase all data currently stored on the hard disc.

Step 2: Install the HDD

Follow the HDD Installation Guide, and install the HDD into the player.

Step 3: Prepare the USB Pen Drive

You will need a USB Pen Drive for firmware installation. Copy the 1 files from the firmware folder to the root directory of your USB Pen Drive.



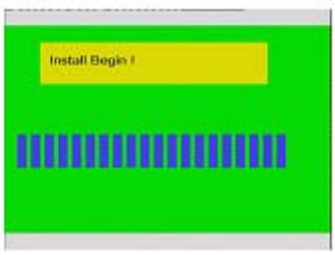
Step 4: Connect the USB Pen Drive

Plug the USB Pen Drive into one of the USB HOST ports of the player.

Step 5: Connect the power cable and hold the power button

Plug the power cable into the DC IN jack, Press and hold the power button on the front panel, and do not loosen. wait for about 5 seconds or more, and then loosen your finger on the power button; Firmware

upgrade will start in about 30 seconds. If it is connected to a TV set, a yellow install page will appear on the TV screen.



Please wait for about 3 minutes, the installation will be completed and player will be restarted automatically.

Note:

If install error or white screen occurs, please unplug the power cable and try again;

Do not turn off the power during installation;

The USB Pen Drive is not allowed to be unplugged during installation.

Download the latest firmware from our official website.

NOTE	If install error or white screen occurs, please unplug the power cable and try again; Do not turn off the power during installation; The USB Pen Drive is not allowed to be unplugged during installation.

17. Frequently Asked Questions

Question1. My computer does not recognize my player.

1. Make sure the player is powered on. If it is off, the computer will not be able to find the player;

2. Make sure the player is connected to computer.

3. When using Windows 98SE, install the USB driver first. After installation, restart the computer. Then reconnect the player to the computer.

4. If you installed the Windows 98SE driver over your Windows? XP, 2000, or ME edition, problems might occur

5. It is not recommend using the USB ports in the front of your computer, try to use the USB ports in the rear, because the USB ports in the front are often from non-powered hubs.

Question2. When I try to disconnect the USB device, I keep on getting "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later." message, what should I do?

Close any program that might be accessing data on the player, including Windows® Explorer. If it does not work, close all programs and wait for another 20 seconds, then try the green arrow icon again. If it still does not work, you should shut down the player and disconnect the USB cable.

Question 3. I find new file names and folder names that I never created before or they have strange gibberish names.

player shutting down (due to low battery power) while reading or writing to your computer by the USB connection. Windows and Macintosh often write extra files to the hard disk such as finder.def or System volume info. These are normal and will not do any harm to the player.

Question 4. I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows? defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 5. My files have disappeared from the player.

Make sure that you browse your files via the correct Browser mode which means correct filtered views such as Photos, Music, or Movies.

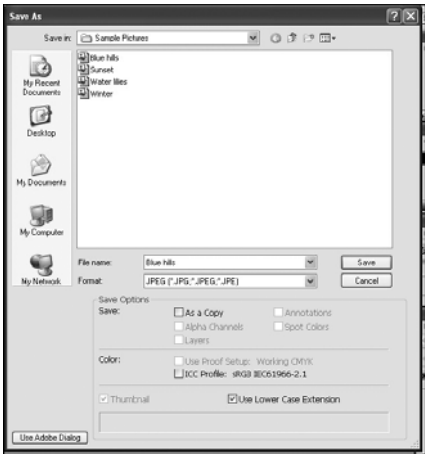
Question 6. Why do some supported photo formats, cannot be shown in the photo function?

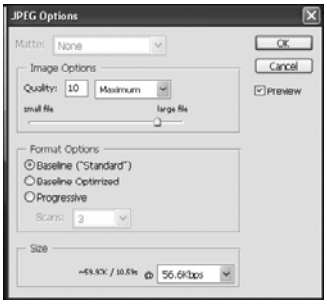
In the JPEG format there are different modes. The player doesn't support all the modes.
So you have to change your photo format first as follow:

1. Use Photoshop to open the photo;

2. Choose "File" then "save as" from the menu, as the picture on the left hand side shows, select the picture format as JPEG, input the file name and click the "save" icon;

3. After click on the "save" icon, a new window will appear as the picture on the right hand side shows, select "Baseline (standard)" or "Baseline optimized";





4. Click OK icon.

Question 7: When the player is powered on, why will the TV have a short flashing, blue screen or screensaver?

This is normal, when the system initializes, it will setup the corresponding parameters so it can output the correct video signal to the TV, during the initializing time, the TV will receive incorrect signals or the signals will not be stable and will cause the TV screen to flash, some TV this as no signal, and will display a blue screen or screensaver.

Question 8: Why when I switch to Y/Pb/Pr 480P, 576P, 720P, 1080I, does the TV screen display an unwatchable picture?

Please check if your TV supports Y/Pb/Pr 480P, 576P, 720P, 1080I output, if your TV does not support, please use the A/V signal display instead, press the TV SYSYEM button on the remote control, NTSC or PAL.

Question 9: Why is there no sound on movie or music playback when using Y/Pb/Pr component output?

Y/Pb/Pr output is a video output only, and does not include sound signals, when using Y/Pb/Pr output, please plug the A/V OUT or the S/PDIF jack to output sound.

Question10: Why couldn't the player find the hard disc?

Make sure the firmware is installed correctly, and no system partitions on the HDD were deleted. If hard disc failure occurs, please backup your data and reinstall the firmware using the firmware in the Driver CD which is provided along with the player.

Question11: Some functions like recording, time shift etc. do not work. What should I do?

If you find some functions do not work properly on the player, please change system settings to the default (Refer to 6.6 for changing system settings).

Question 12: I cannot get SSID name, the screen always displays: Cant get any SSID!!

When the WLAN USB Adapter is connected to the player, it needs some time to get initialized. Please wait for about 1~2 minutes and try again. Then it will work properly.

Question 13: I configured everything correctly, but still cannot get the wireless network connected.

Are you using a firewall such as Norton Internet Security, McAfee Personal Firewall, Zone Alarm, etc. or even the built-hat Service Pack 2 for Windows XP automatically upgrades your firewall and turn it on by default) If you have a firewall, it may need to be configured or have exceptions created to allow you to see and communicate with the player on the network. To test if your firewall is preventing network communication (including PING and access shared folders), try disabling it to see if you can connect. If you can connect with the firewall disabled, you may need to add the player e firewall for local intranet access. Worst-case, disable your firewall long enough to use the player, then enable it again when done

18. Caution

This player's design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

Usage cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5℃ ~ +35℃.

Power

The player's power voltage: DC 12V. When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

Radio interference/compatibility

If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference. The design of this player has followed the CE standard, and has followed the following rules:

(1) This player may not cause harmful interference;

(2) This player could accept some interference received including interference that may cause undesired operation.

Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

Disposing of the player

When you dispose of the player, be sure to dispose it appropriately. Some countries may regulate disposal of electrical device, please consult with your local authority.

Hard disk cautions

The player uses an internal hard disk for data storage, in normal case, format or repair is not required.

You should carefully read the < Frequently Asked Questions > chapter, and check our website for latest information before formatting the hard disk.

- Physical impact may create bad sector in the hard disk, you can use CHKDSK to fix the problem.
- All data stored in the player may be lost due to physical impact, electrical shock, power lost, HDD format etc. Please backup your data.
- It is suggested to do defragment after a long period of usage.
- Regularly backup the data in the hard disk so that it can be recovered in the event of data corruption or loss. Our company takes no responsibility for loss of data stored on the hard disk.

Others

When using this player, please do not let the player come into contact with water or other liquid, if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage. Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

- Do not let the player come into contact with water or other liquid.
- Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.
- Do not press the buttons of the player too hard. Avoid hitting the player with hard object.
- avoid shaking the player, and stay away from magnetic fields.
- During electrostatic discharge and the strong electromagnetic field, the product will malfunction, then unplug the power cable and the product will return to normal performance next time it is powered on.

Warranty

Warranty Regulations

The ZIONCOM Technologies Co., Ltd. Provides the following limited warranty based on the consumer protection policy.

Limited warranty period starts form the date of purchase. The purchase date must be stated when the product is purchased. When the purchase date is not stated, the limited warranty ends after one year and six months form the manufacturing date.

1. Product Warranty Period

QR-130	Accessories
1 year form the data of purchase	3 months: 2 months : Everything else for 3 months

2. Warranty Contents

During the limited warranty period, the ZIONCOM Technologies Co., Ltd. or designated A/S center will provide warranty service according to the customer protection policy if and only if the product is used in proper condition.
Although the product is within warranty period, repair fees may be charged if the product is Used in one or more of the following conditions.

- Damaged by accident, misuse, abuse, neglect and / or improper maintenance
- Damaged by any improper use of the product such as disassembly or modification
- Damaged by outside impact or shock
- Damaged by soaked in any liquid, or rusted by any foreign substances
- Damaged by using accessories or parts not supplied by the ZIONCOM Technologies.
- Damaged by any natural disaster such as fire, lightening ,flooding, etc
- Damaged by any other misuse of the product by the user

3. Recording Items

Product name : QR-100

Date of Purchase:

Place of Purchase:

Serial Number:

(Printed barcode on the bottom of the product)

MULTIMEDIA STANDARD